

Fig. 4

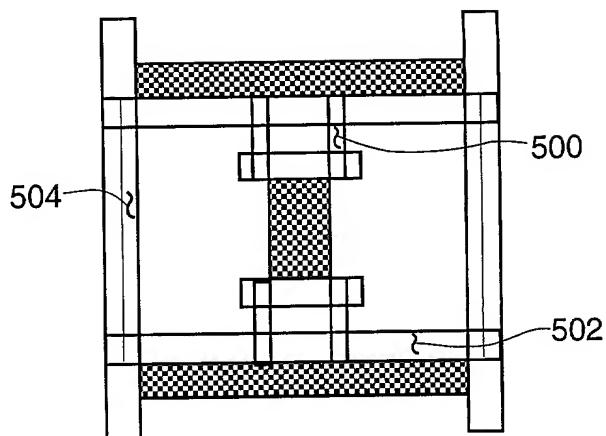


Fig. 5

FIG. 6A

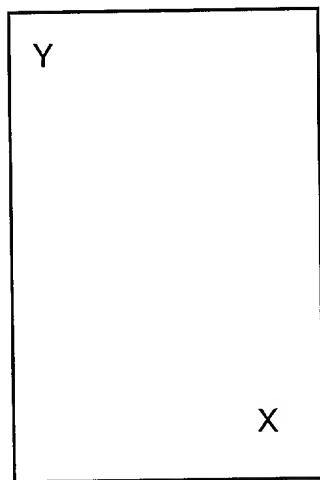


Fig. 6A

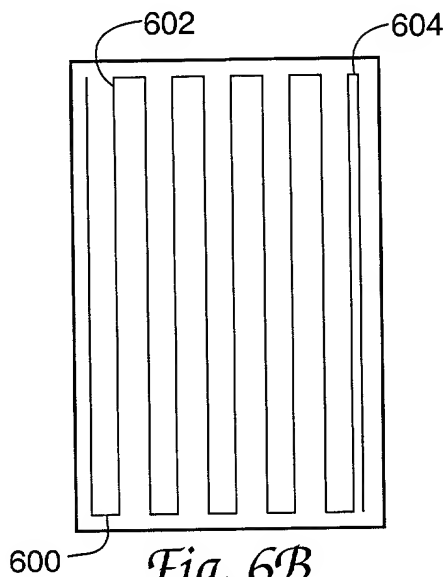


Fig. 6B

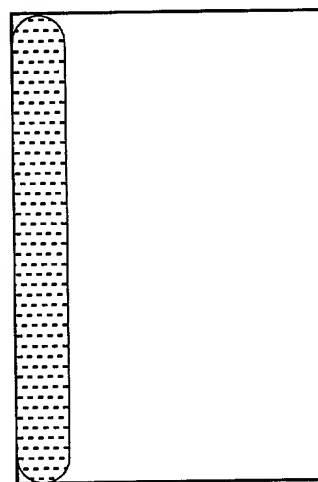


Fig. 6C

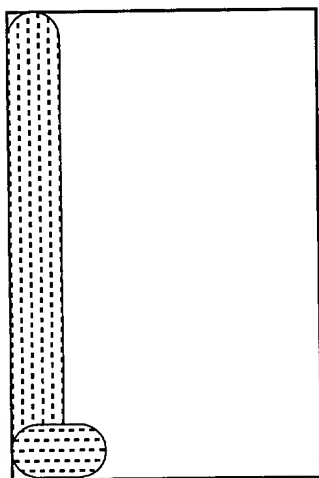


Fig. 6D

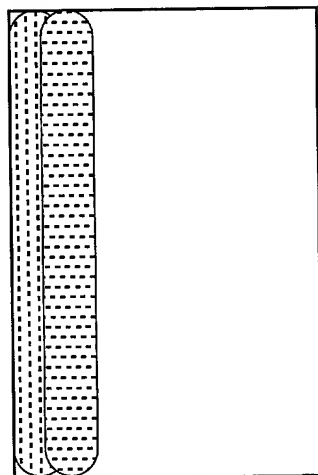


Fig. 6E

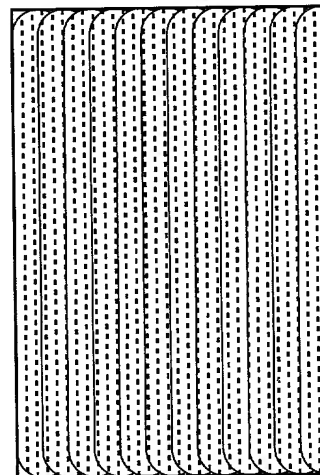
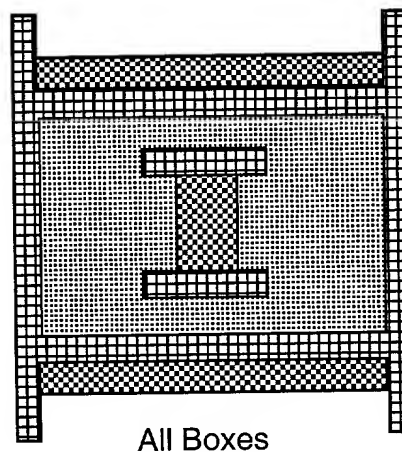
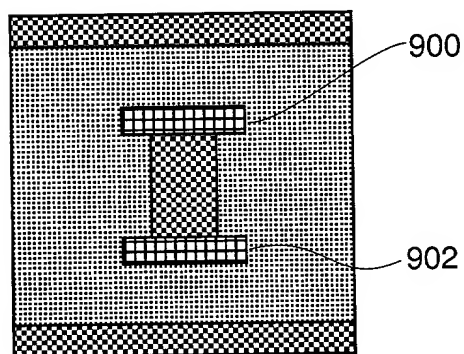
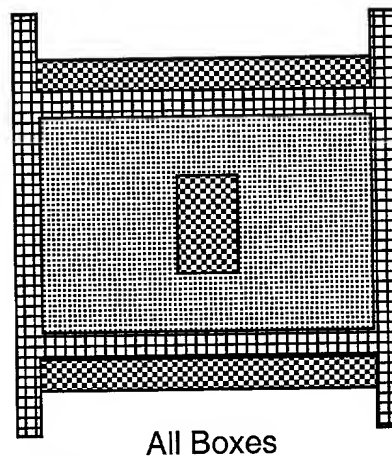
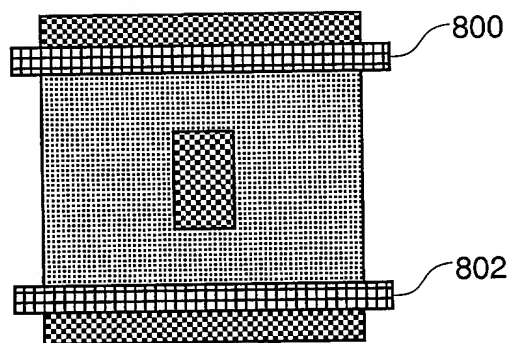
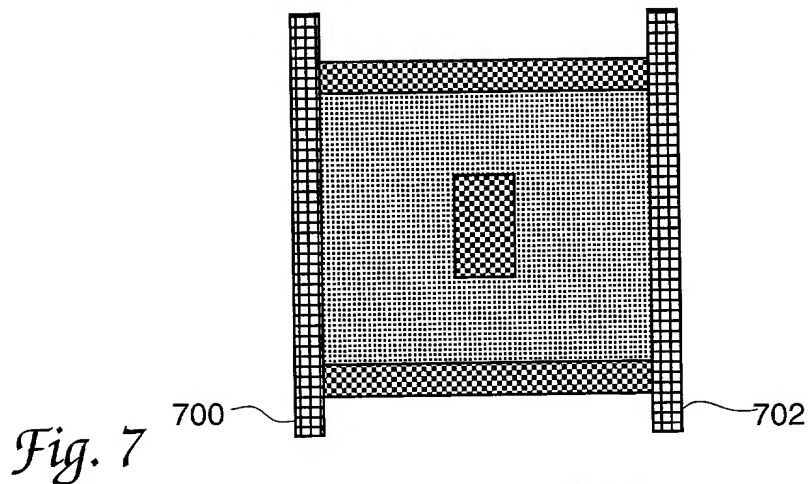


Fig. 6F



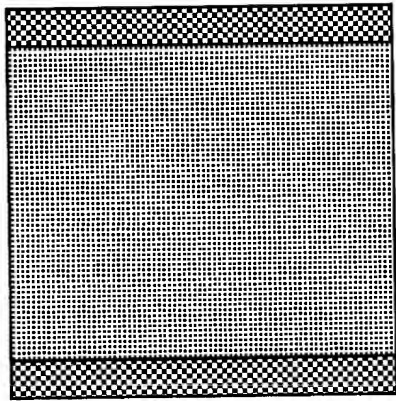


Fig. 10A

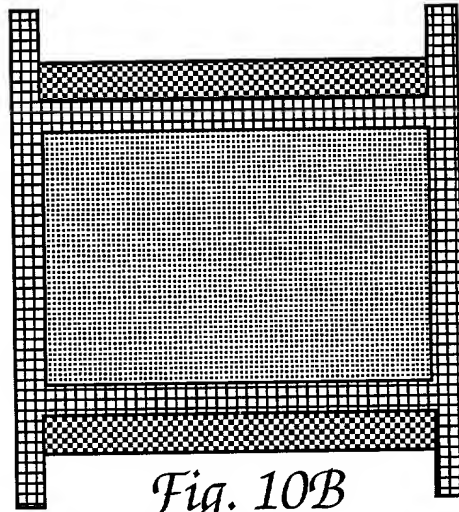


Fig. 10B

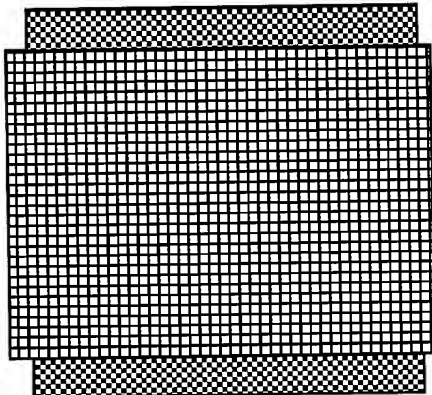


Fig. 10C

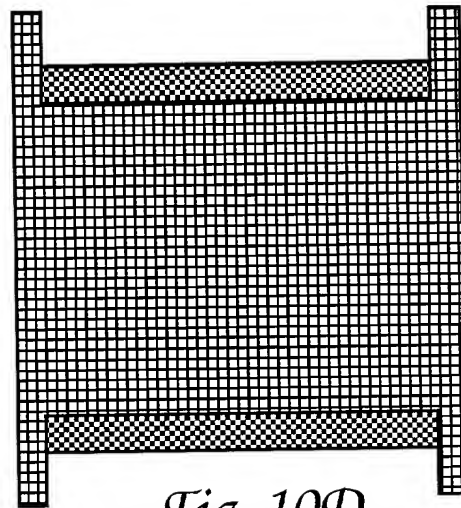


Fig. 10D

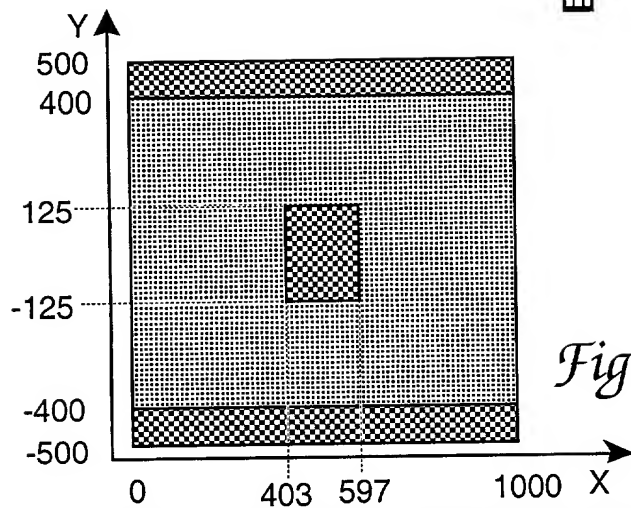
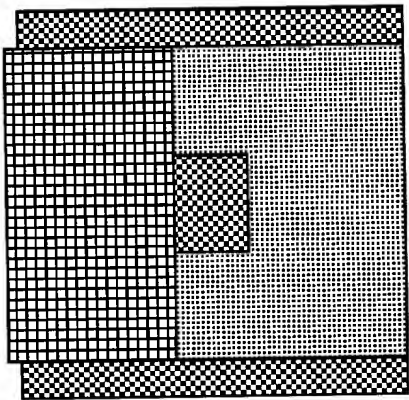


Fig. 11

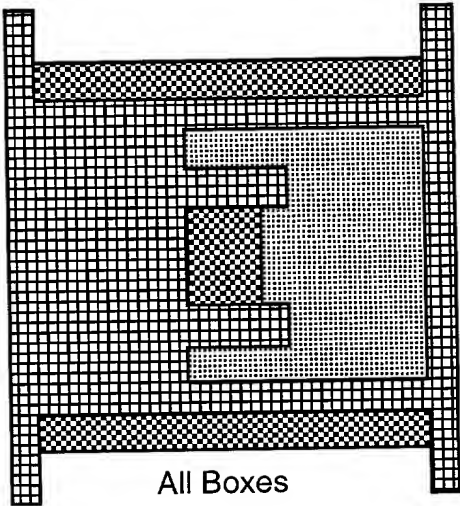
Processing Boxes 1	Completed Boxes
Xmin 0	Xmin
Ymin -360.5	Ymin
Xmax unknown	Xmax
Ymax 360.5	Ymax



New Box

Processing Boxes	1	2
Xmin	403	403
Ymin	164.5	-360.5
Xmax	unknown	unknown
Ymax	360.5	-164.5

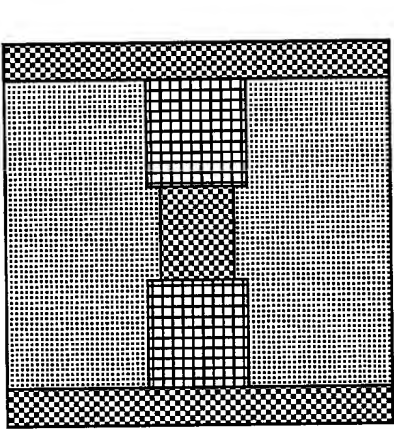
Fig. 12A



All Boxes

Completed Boxes	1
Xmin	0
Ymin	-360.5
Xmax	363.5
Ymax	360.5

Fig. 12B

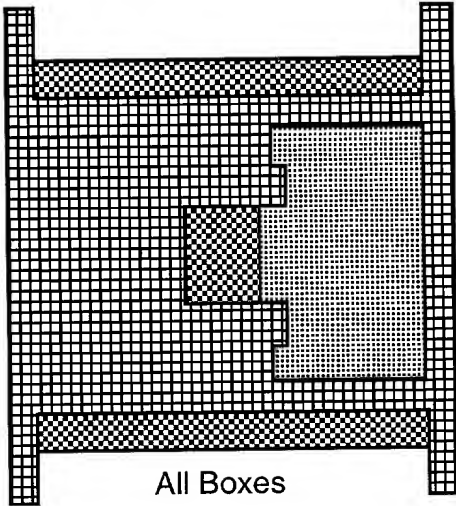


New Boxes

Processing Boxes 1

Xmin 636.5
Ymin -360.5
Xmax unknown
Ymax 360.5

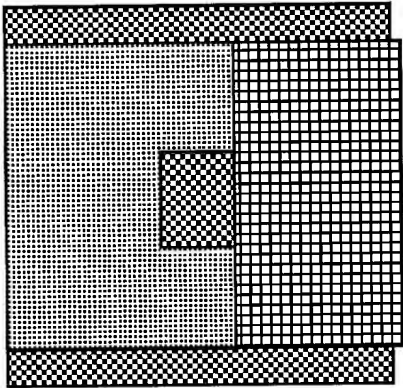
Fig. 13A



All Boxes

Completed Boxes	1	2	3
Xmin	0	403	403
Ymin	-360.5	164.5	-360.5
Xmax	363.5	597	597
Ymax	360.5	360.5	-164.5

Fig. 13B

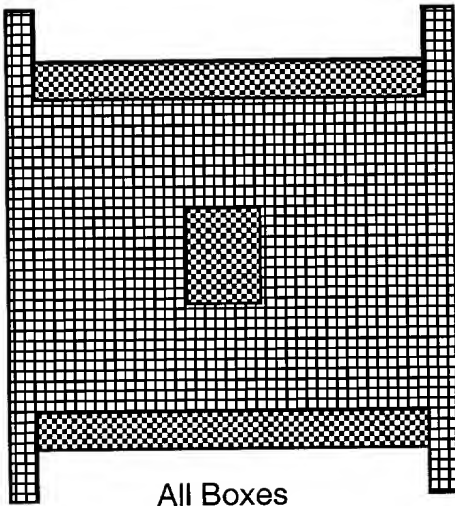


New Boxes

Processing Boxes

Xmin
Ymin
Xmax
Ymax

Fig. 14A



All Boxes

Completed Boxes	1	2	3	4
Xmin	0	403	403	636.5
Ymin	-360.5	164.5	-360.5	-360.5
Xmax	363.5	597	597	1000
Ymax	360.5	360.5	-164.5	360.5

Fig. 14B

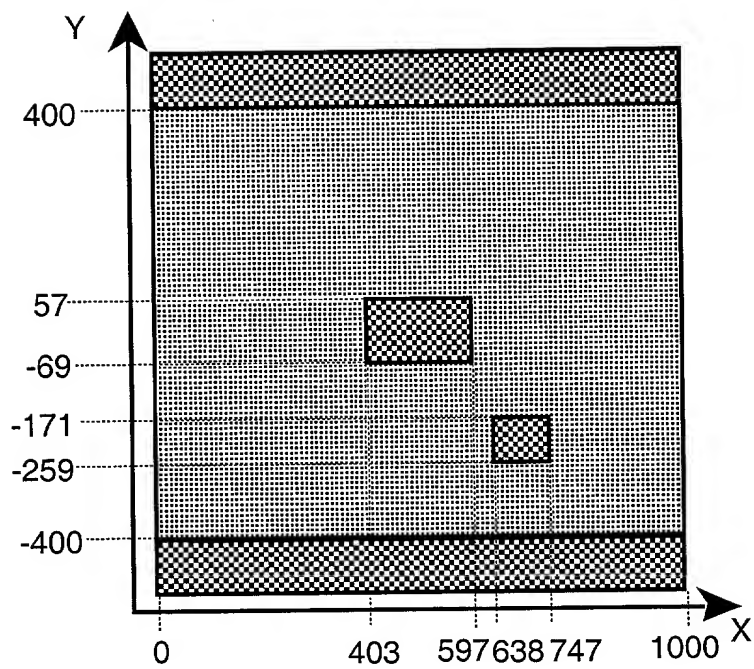
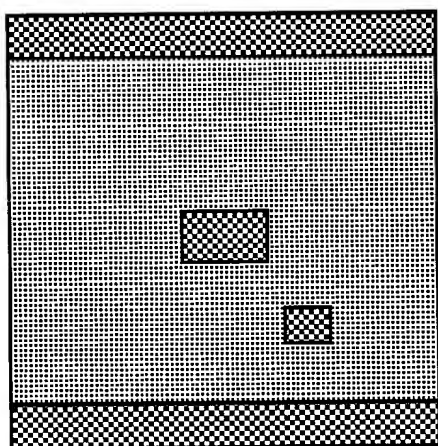
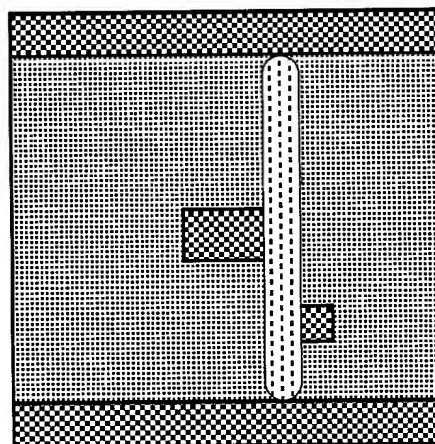


Fig. 15



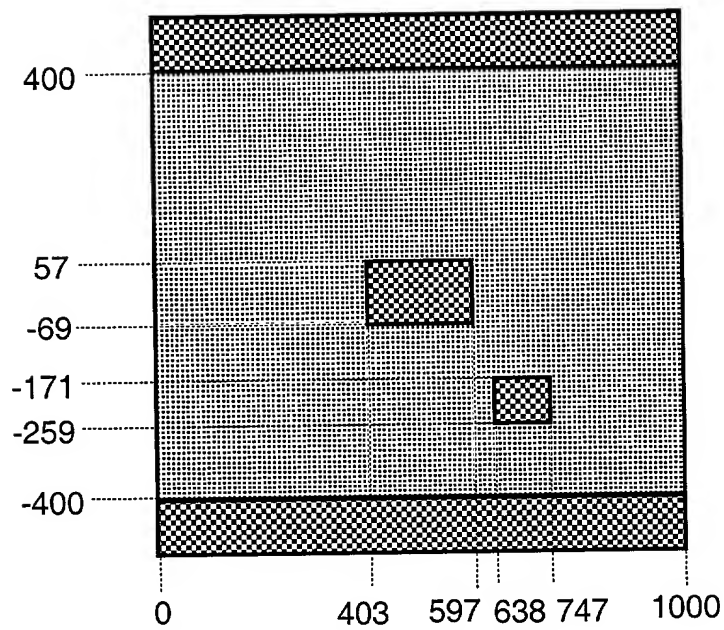
Original Carrier Layout

Fig. 16A



Cut Defined From Basic Algorithm

Fig. 16B



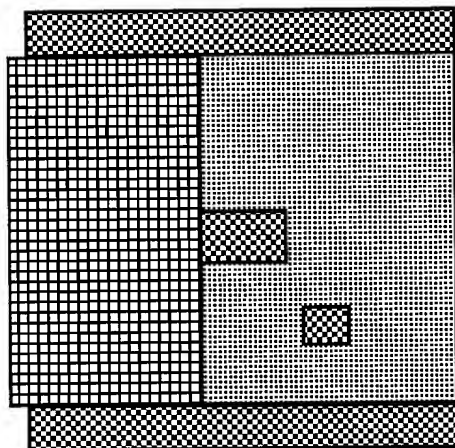
Processing Boxes 1

Xmin 0
Ymin -360.5
Xmax
Ymax 360.5

Completed Boxes

Xmin
Ymin
Xmax
Ymax

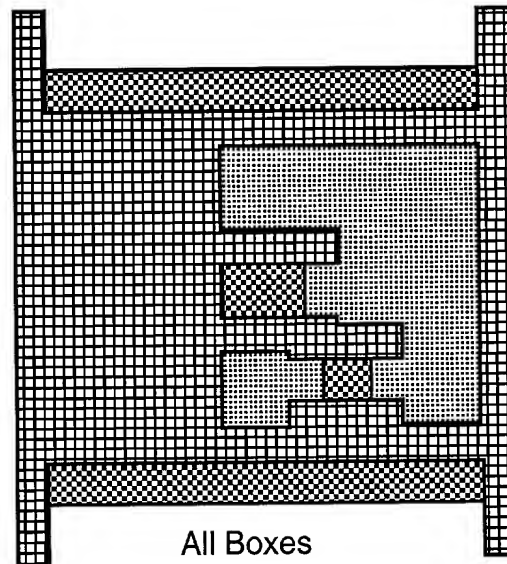
Fig. 17



New Box

Processing Boxes 1 2
 Xmin 403 403
 Ymin 96.5 -360.5
 Xmax
 Ymax 360.5 -108.5

Fig. 18A

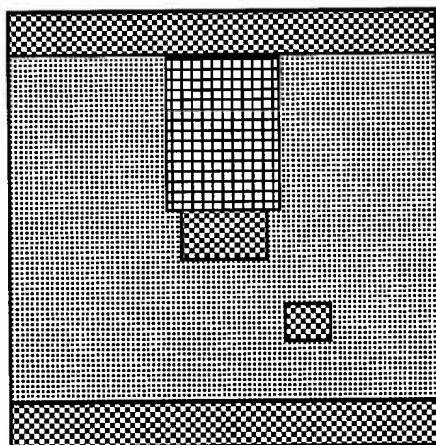


All Boxes

Completed Boxes 1

Xmin 0
 Ymin -360.5
 Xmax 363.5
 Ymax 360.5

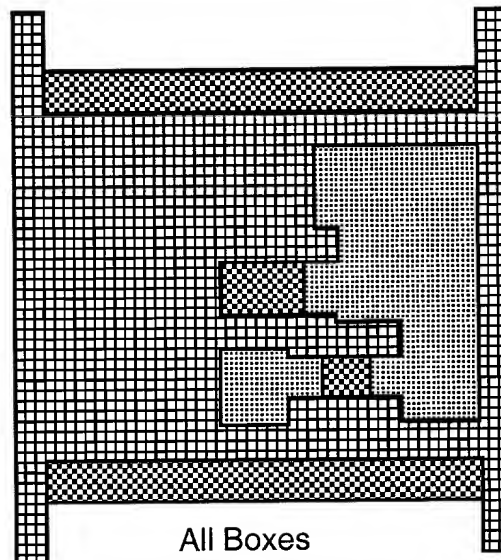
Fig. 18B



New Box

Processing Boxes 1 2
 Xmin 403
 Ymin -360.5
 Xmax
 Ymax -108.5

Fig. 19A

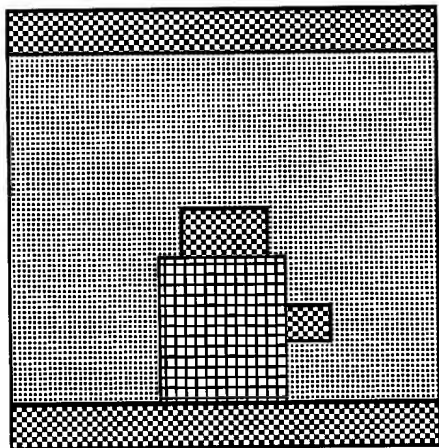


All Boxes

Completed Boxes 1 2

Xmin 0 403
 Ymin -360.5 96.5
 Xmax 363.5 597
 Ymax 360.5 360.5

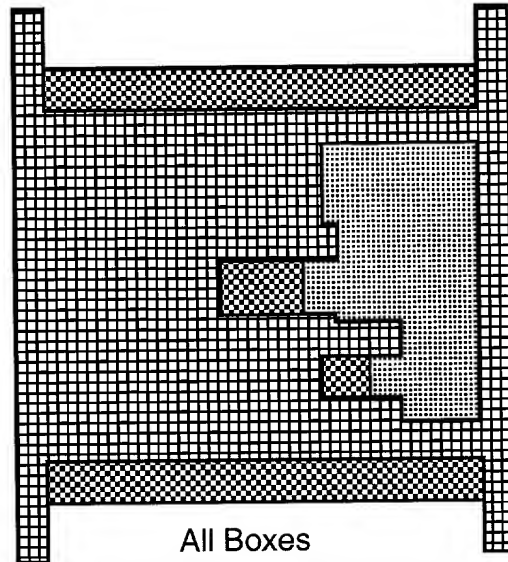
Fig. 19B



New Box

Processing Boxes

Xmin
 Ymin
 Xmax
 Ymax

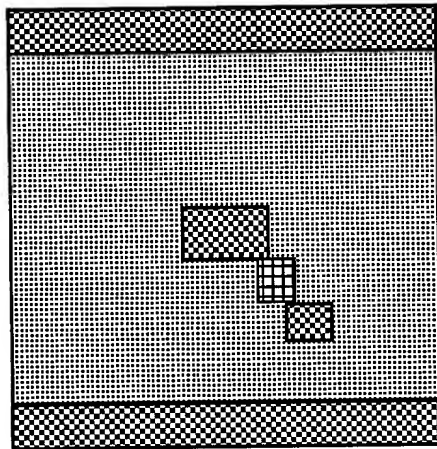


All Boxes

Completed Boxes	1	2	3
Xmin	0	403	403
Ymin	-360.5	96.5	-360.5
Xmax	363.5	597	598.5
Ymax	360.5	360.5	-108.5

Fig. 20A

Fig. 20B

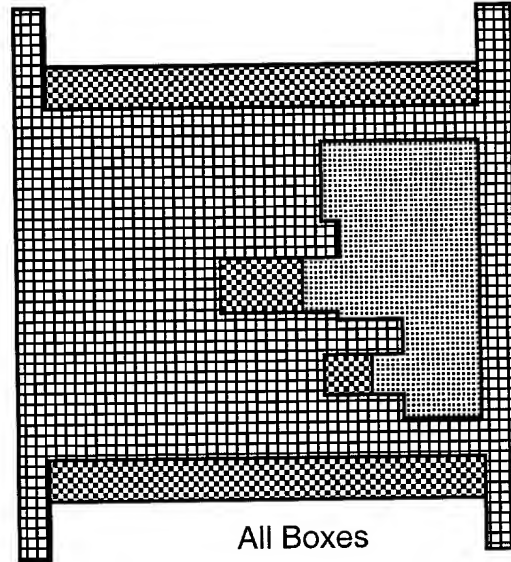


New Box

Processing Boxes

Fig. 21A

Xmin
 Ymin
 Xmax
 Ymax

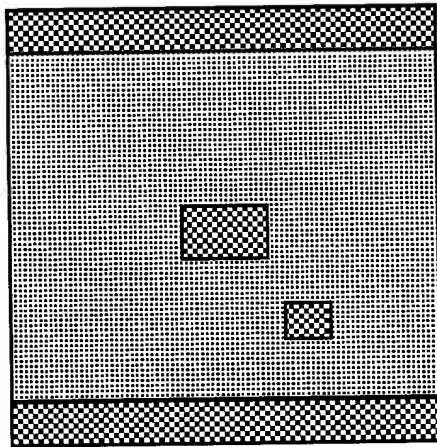


All Boxes

Completed Boxes 1 2 3 4

Fig. 21B

Xmin 0 403 403 620.5
 Ymin -360.5 96.5 -360.5 -131.5
 Xmax 363.5 597 598.5 620.5
 Ymax 360.5 360.5-108.5 -108.5

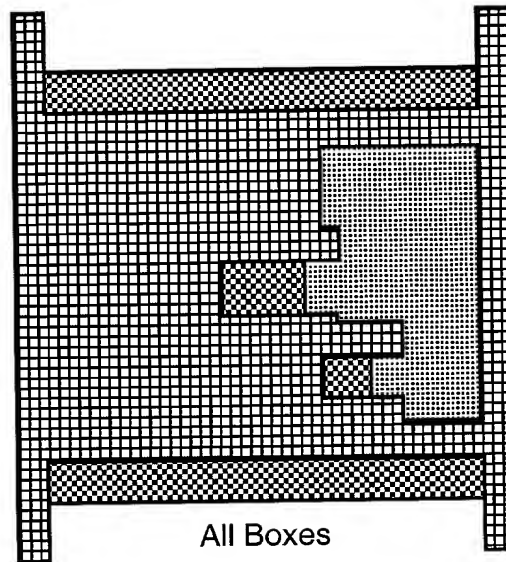


New Box

Processing Boxes 1 2

Xmin 636.5 638
 Ymin -131.5 -360.5
 Xmax
 Ymax 360.5 -298.5

Fig. 22A

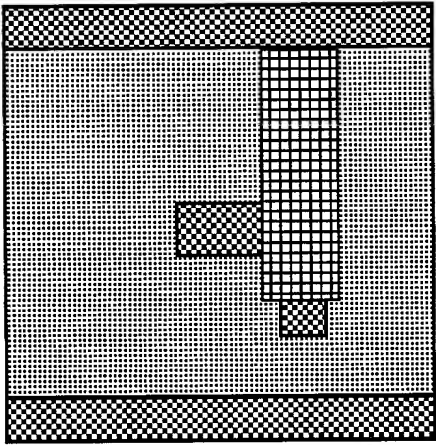


All Boxes

Completed Boxes 1 2 3 4

Xmin 0 403 403 620.5
 Ymin -360.5 96.5 -360.5 -131.5
 Xmax 363.5 597 598.5 620.5
 Ymax 360.5 360.5-108.5 -108.5

Fig. 22B

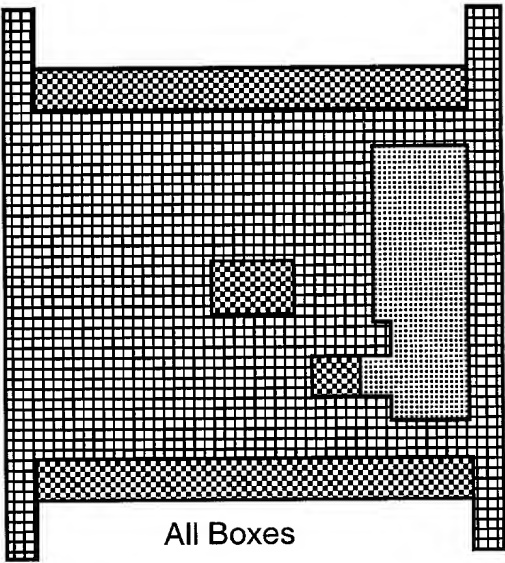


New Box

Processing Boxes 1

Xmin	638
Ymin	-360.5
Xmax	
Ymax	-298.5

Fig. 23A

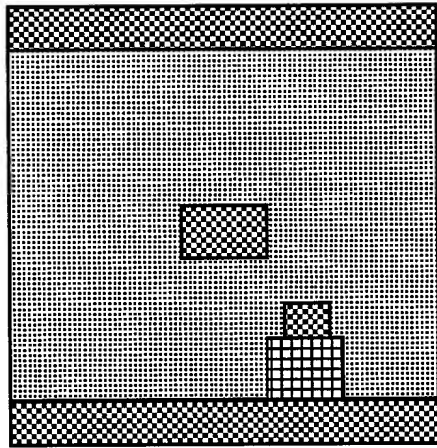


All Boxes

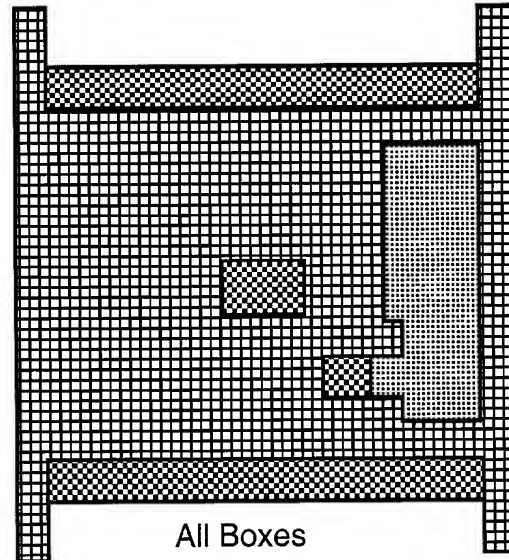
Completed Boxes

	1	2	3	4	5
Xmin	0	403	403	620.5	636.5
Ymin	-360.5	96.5	-360.5	-131.5	-131.5
Xmax	363.5	597	598.5	620.5	747
Ymax	360.5	360.5	-108.5	-108.5	360.5

Fig. 23B



New Box



All Boxes

Processing Boxes

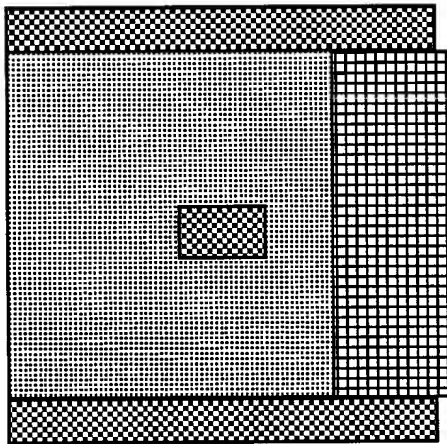
Xmin
 Ymin
 Xmax
 Ymax

Completed Boxes 1

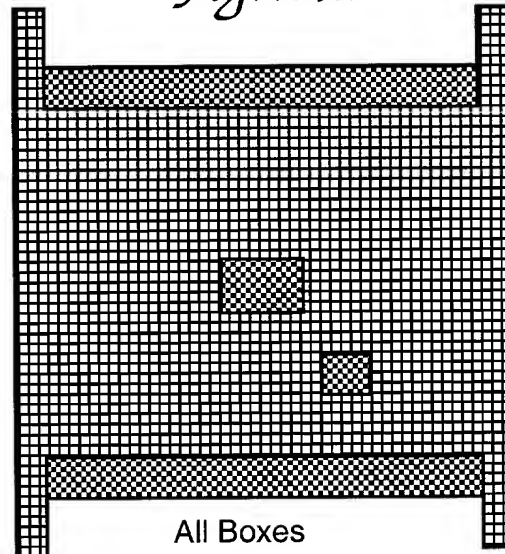
Boxes	1	2	3	4	5	6
Xmin	0	403	403	620.5	636.5	638
Ymin	-360.5	96.5	-360.5	-131.5	-131.5	-360.5
Xmax	363.5	597	598.5	620.5	747	747
Ymax	360.5	360.5	-108.5	-108.5	360.5	-131.5

Fig. 24A

Fig. 24B



New Box



All Boxes

Processing Boxes

Xmin
 Ymin
 Xmax
 Ymax

Completed Boxes 1

Boxes	1	2	3	4	5	6	7
Xmin	0	403	403	620.5	636.5	636.5	786.5
Ymin	-360.5	96.5	-360.5	-131.5	-131.5	-360.5	-360.5
Xmax	363.5	597	598.5	620.5	747	747	1000
Ymax	360.5	360.5	-108.5	-108.5	360.5	-131.5	360.5

Fig. 25A

Fig. 25B

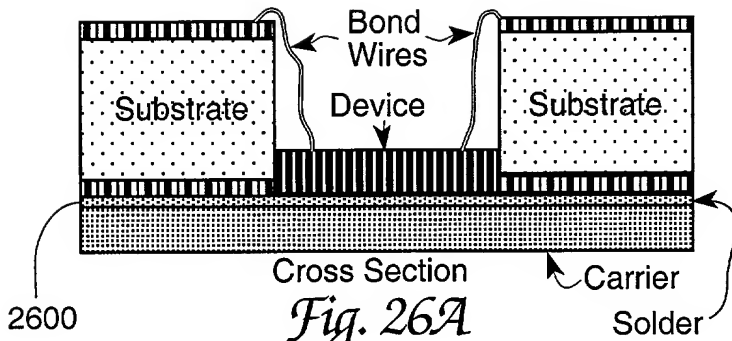
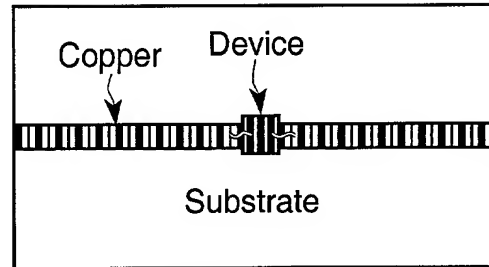


Fig. 26A
 PRIOR ART



Top View
Fig. 26B
 PRIOR ART

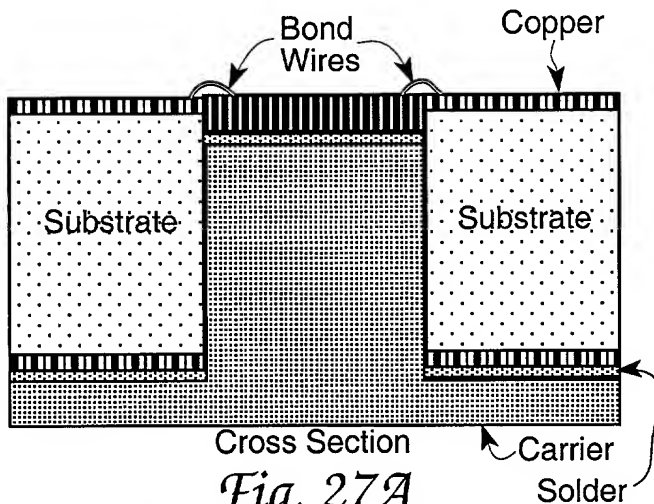
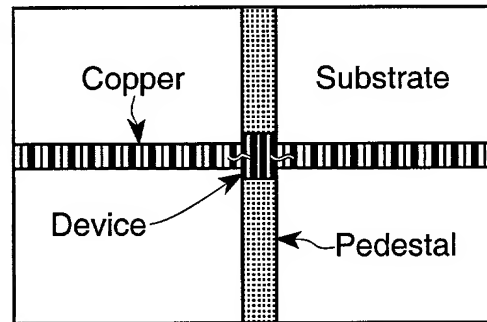


Fig. 27A



Top View
Fig. 27B

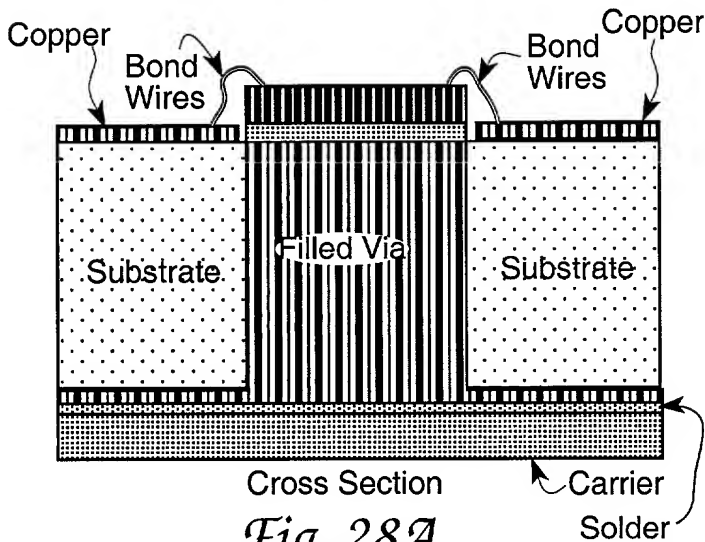
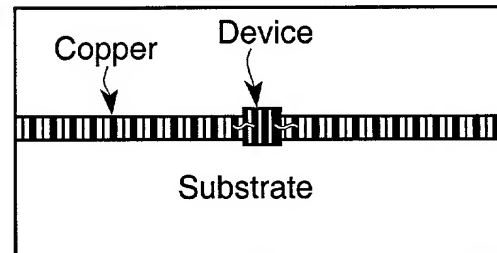


Fig. 28A
 PRIOR ART



Top View
Fig. 28B
 PRIOR ART

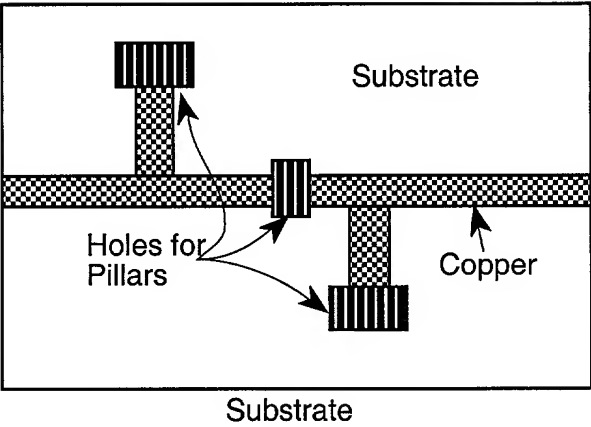


Fig. 30A

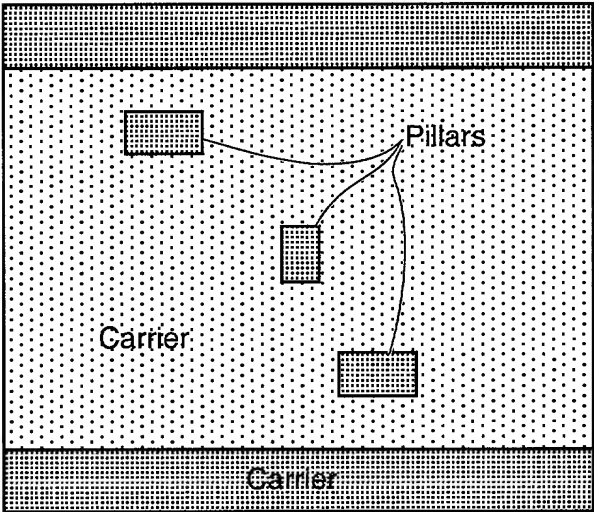


Fig. 30B

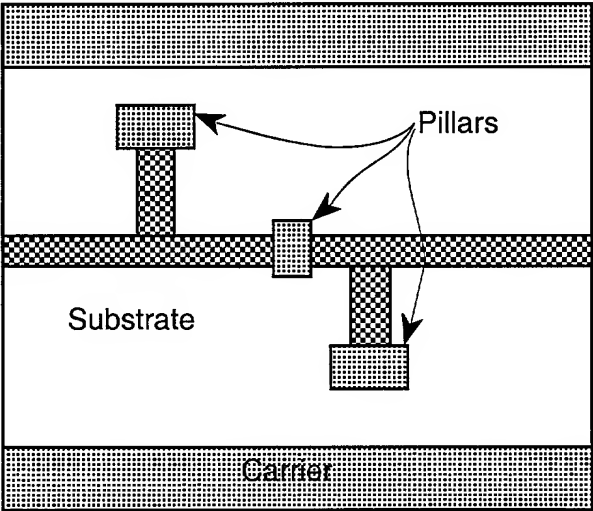


Fig. 30C

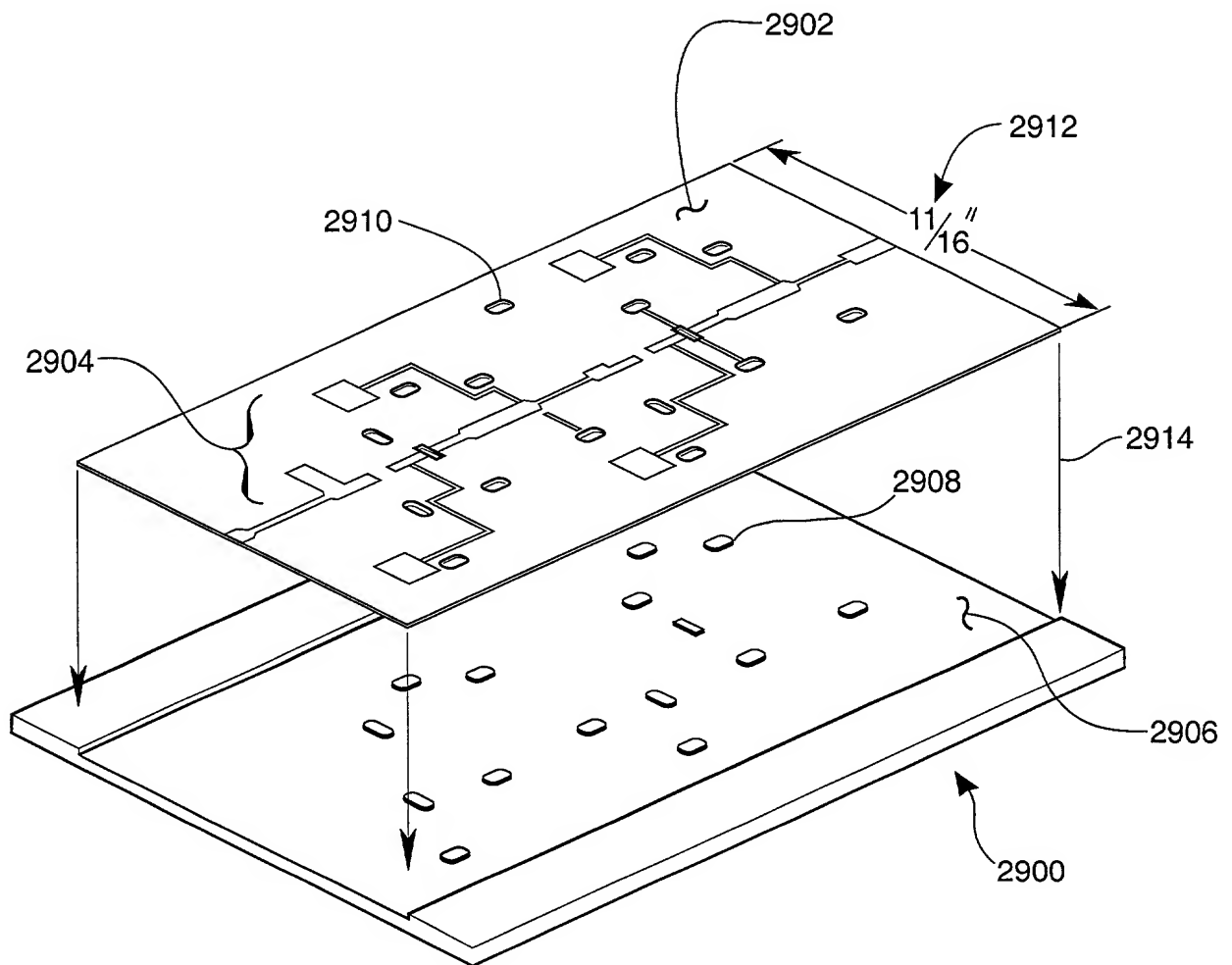


Fig. 29

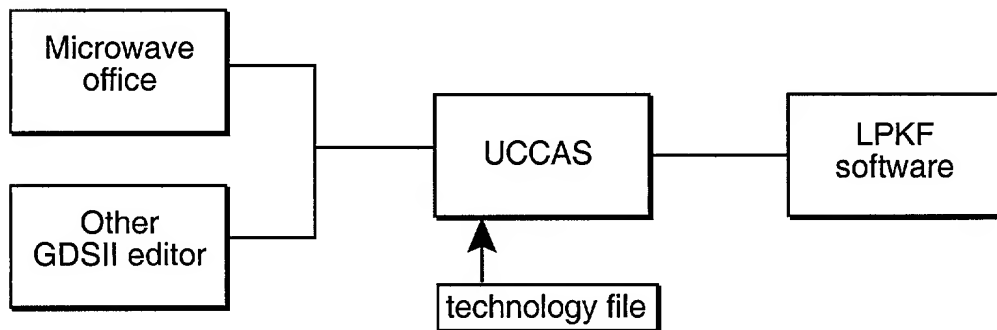
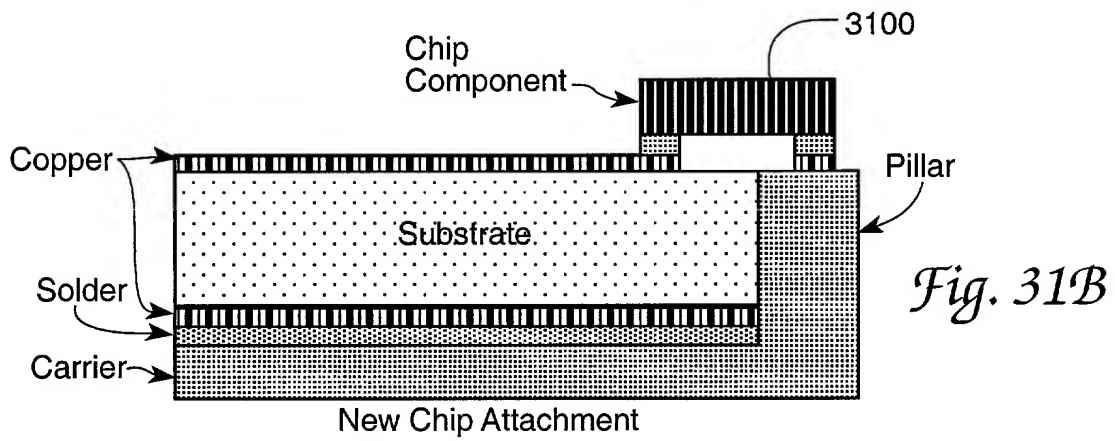
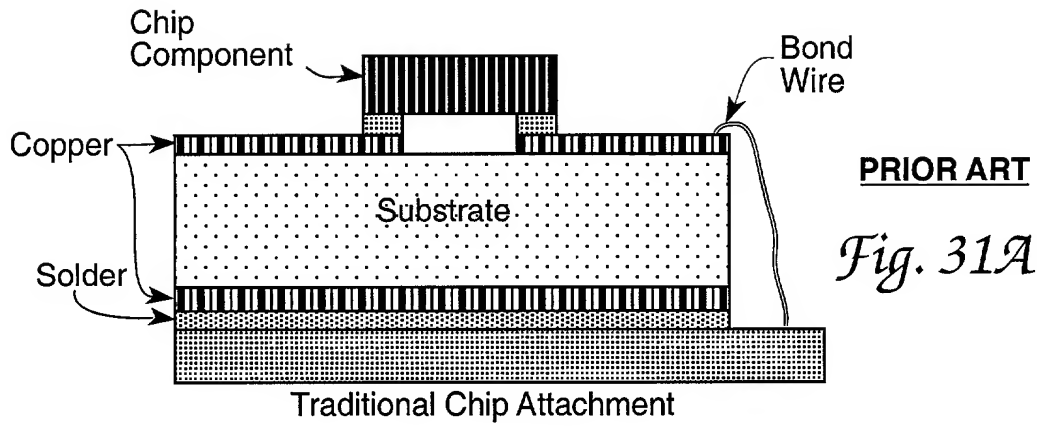


Fig. 32